## Spring 2020 Math 109 Lecture B Homework #3

Due Thursday 11:00pm, April 30

Submit this homework through Gradescope, check the course website on how to submit homework.

## Topics covered: chapters 8,9,10, part of 11

- $1. \ 8.2, \ 9.1 \ (iii)(iv), \ 9.6, \ 9.7 \ (ii)(iii), \ 10.3.$
- 2. Problem II: 21 (ii).
- 3. Problem III: 3 (ii)(iii), 4.
- 4. Prove that the sequence  $n \to ne^{-n}$  is null.